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# Synthesis and antitumor activity of pyridoxine monoalkenyl derivatives

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## Abstract

© 2016, Springer Science+Business Media New York.A convenient method for the synthesis of pyridoxine alkenyl derivatives by the Wittig reaction of [(2,8-dimethyl-4H-[1,3]dioxino[-,5-c]pyridin-5-yl)methyl]triphenylphosphonium chloride with aldehydes was suggested. Some of the compounds obtained exhibit antitumor activity in vitro.

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## Keywords

alkenyl derivatives, antitumor activity, cytotoxicity, pyridoxine, quaternary phosphonium salts, Wittig reaction